Ch. 4 (1,2,3)

# *“Mine eyes have seen the…”*

**I am looking for someone who can:**

1. Tell me what absolute threshold means.
2. Describe the difference between perception and sensation.
3. Tell me what the process is called by which we become more sensitive to weak stimuli and less sensitive to unchanging stimuli.
4. Label the area where the eye registers nothing because it lacks photoreceptors here.
5. Tell me the part of the eye that is the opening in the colored part of the eye (it determines the amount of light let in by changing size.)
6. Describe which part adjusts to the distance of objects by changing its thickness.
7. Tell me the name of the lens and eye covering.
8. Name what transmits information the eye sees to the brain.
9. Describe the most sensitive area of the eye (consists of neurons) that acts like the film in camera.
10. BONUS…describe the LASIK procedure…

*Do you hear what I hear?*

1. Name what carries information the ear hears to the brain.
2. Describe the bony tube that contains fluids as well neurons that move in response to the vibrations of the fluids.
3. Tell the initial pathway that sound enters into the ear.
4. Label the part of the ear at the end of the ear canal that acts as both a sound transmitter and protective barrier to the interior of the ear.
5. Describe 1 of the 2 types of deafness

Scale of 1 to 5 (1 = a little painful, 5 = being very painful)

Pinch YOUR:

Front of knee 1 2 3 4 5

Nose 1 2 3 4 5

Ear lobe 1 2 3 4 5

Top of arm 1 2 3 4 5

Back of knee 1 2 3 4 5

Gate Theory-

Vestibular Sense-

Kinesthesis-

*Video: Human Body – Pushing the Limits : Sensation*

1. How does the body respond to pain? (What’s going on?)
2. Think about how your hobbies or activities stretch the body—soccer, sculpting, swimming, singing, dancing, running, football, softball, volleyball, etc.

Explain how your hobby or activity stretches your body to its limits.